

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017155.D
 Acq On : 26 Jun 2020 03:12
 Operator : SY/MD
 Sample : L3068-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F19

Quant Time: Jun 26 05:16:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171625	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170224	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47875	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	37253	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	67944	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.92	46	113648	43.29	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.58%
24) Chloroform-d	4.38	84	102228	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	55059	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.08	84	184906	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.09	67	54929	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.34	98	162413	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
45) trans-1,3-Dichloropropene-	7.65	79	20689	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
48) 2-Hexanone-d5	8.11	63	77515	36.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39286	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	64670	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

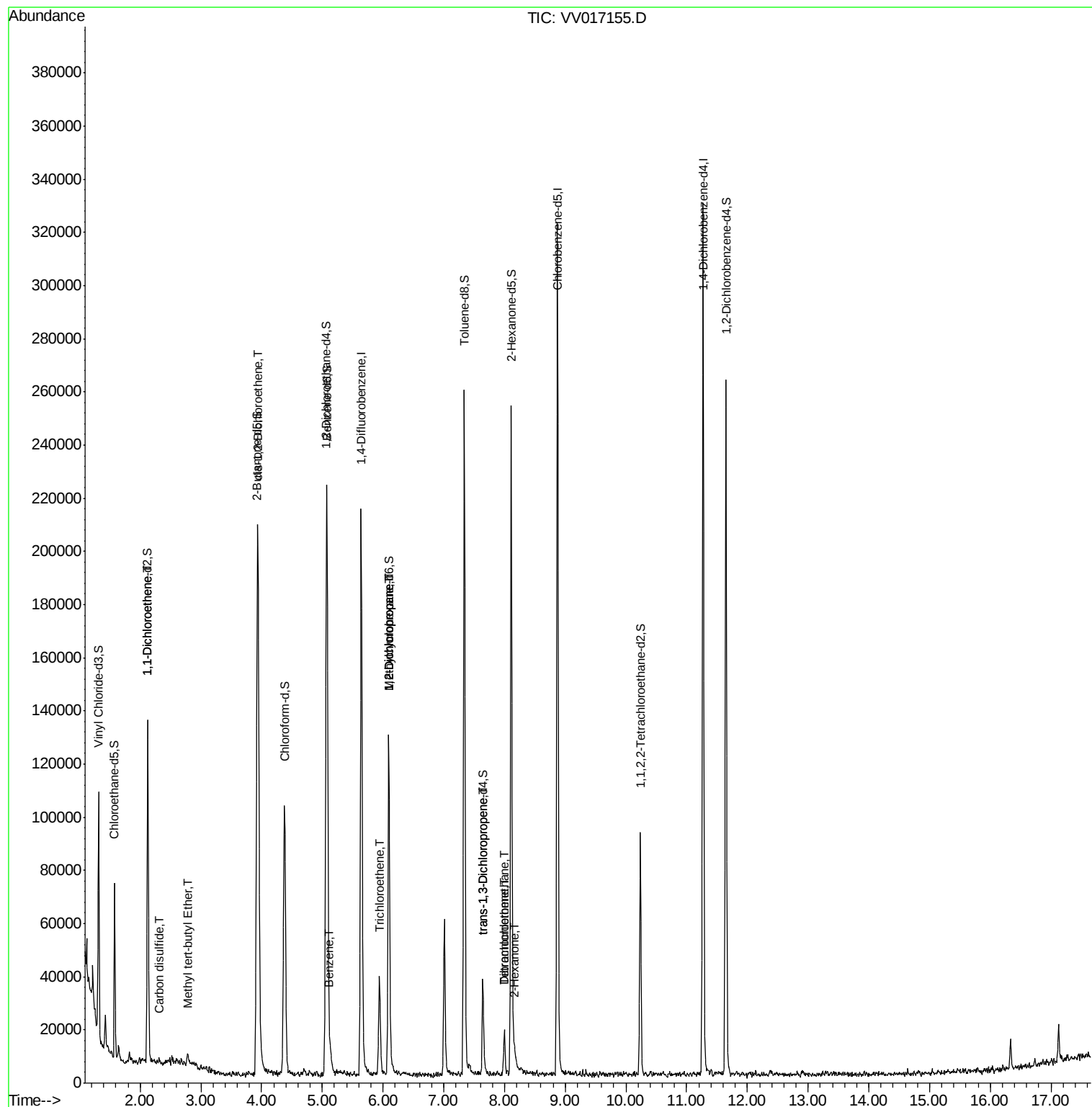
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	782	0.095	ug/L #	1
14) Carbon disulfide	2.32	76	3031	0.123	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	1784	0.086	ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	87420	7.324	ug/L	97
33) Benzene	5.13	78	7894	0.177	ug/L	100
34) Trichloroethene	5.94	95	12277	0.941	ug/L	96
35) Methylcyclohexane	6.10	83	15476	0.763	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6901	0.625	ug/L #	85
46) trans-1,3-Dichloropropene	7.65	75	1041	0.073	ug/L	86
49) Tetrachloroethene	8.00	164	3888	0.370	ug/L	95
50) 2-Hexanone	8.16	43	2776	0.612	ug/L #	48
51) Dibromochloromethane	8.00	129	3312	0.349	ug/L #	11

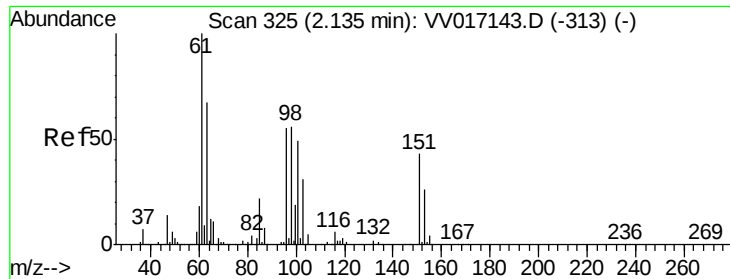
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017155.D

Acq: 26 Jun 2020 03:12

Instrument :

MSVOA_V

ClientSampleId :

F9F19

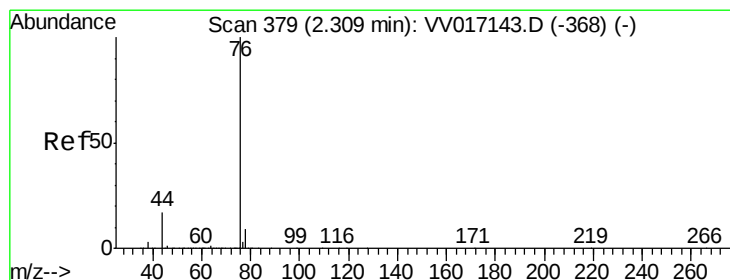
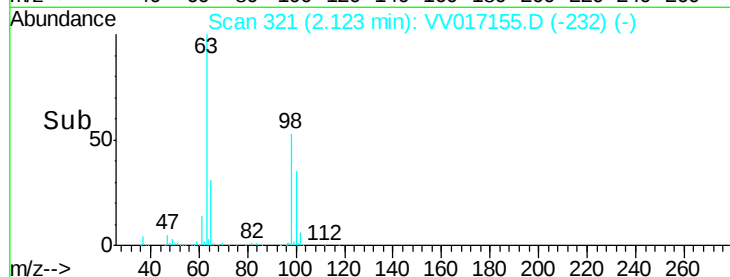
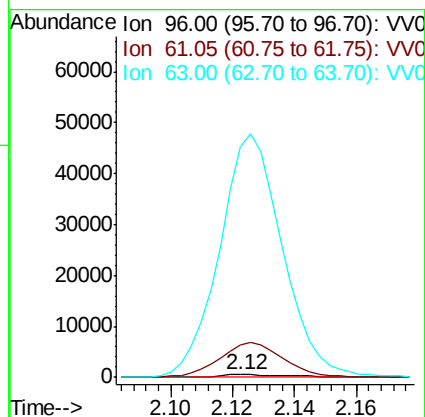
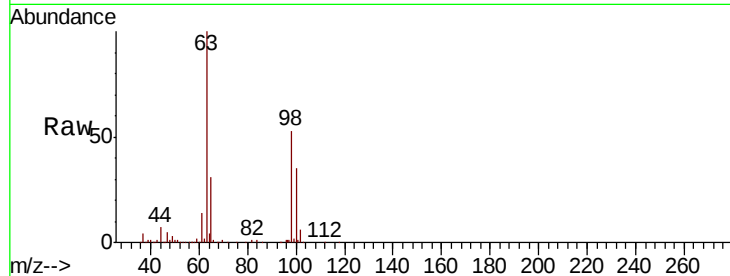
Tot Ion: 96 Resp: 782

Ion Ratio Lower Upper

96 100

61 1140.1 125.0 232.2#

63 8095.9 109.8 203.8#



#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017155.D

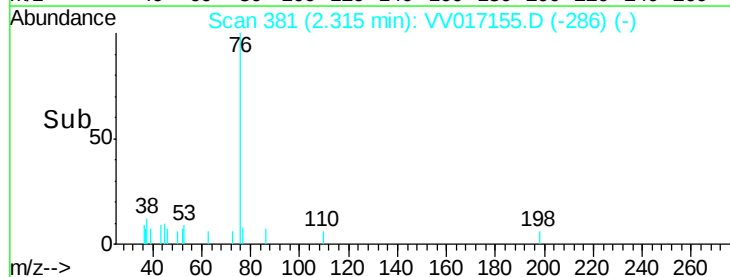
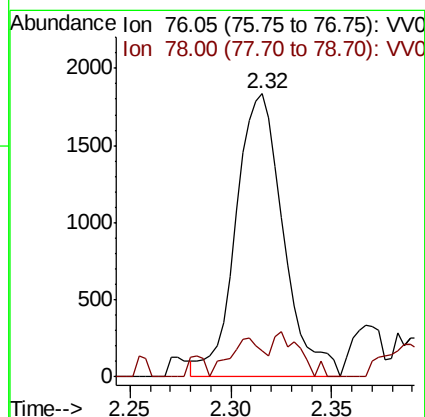
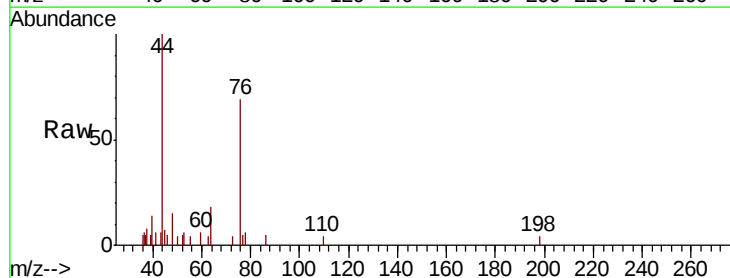
Acq: 26 Jun 2020 03:12

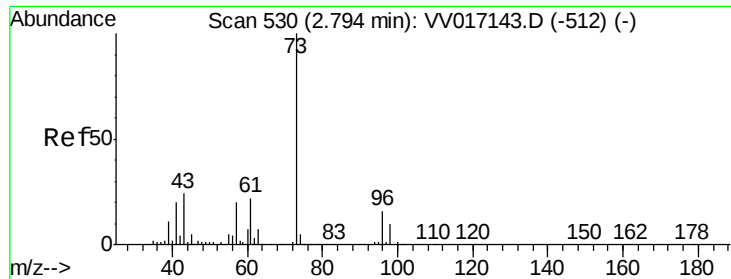
Tgt Ion: 76 Resp: 3031

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

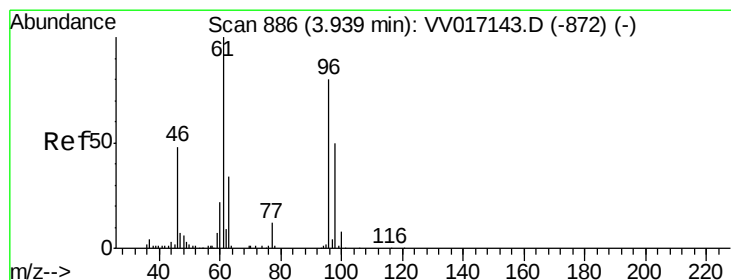
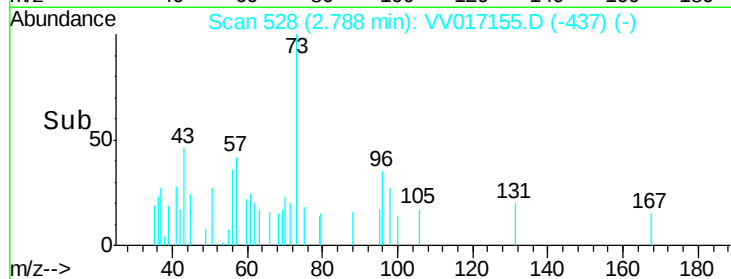
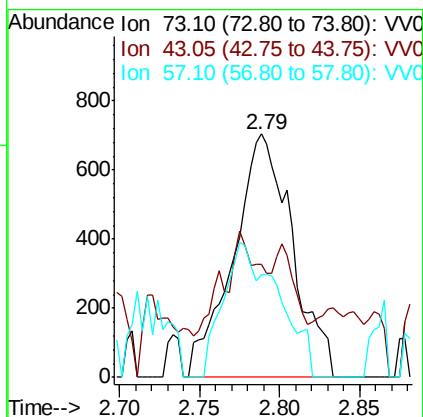
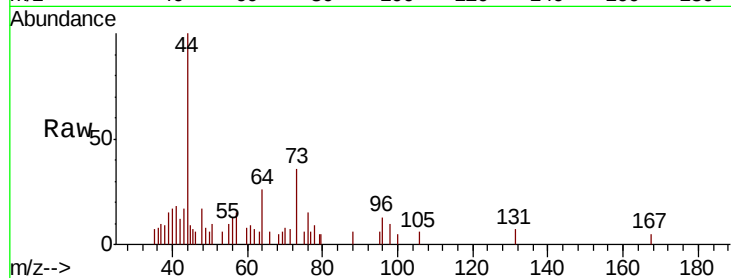




#17
Methvl tert-butvl Ether
Concen: 0.086 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.01 min
Lab File: VV017155.D
Acq: 26 Jun 2020 03:12

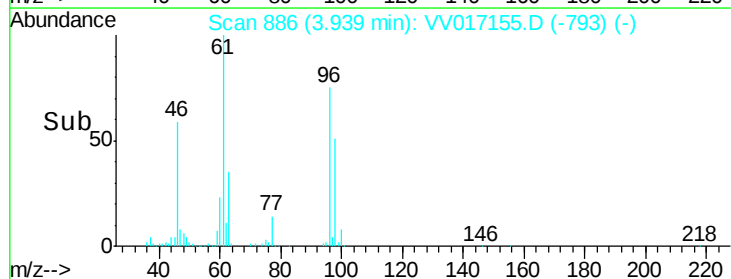
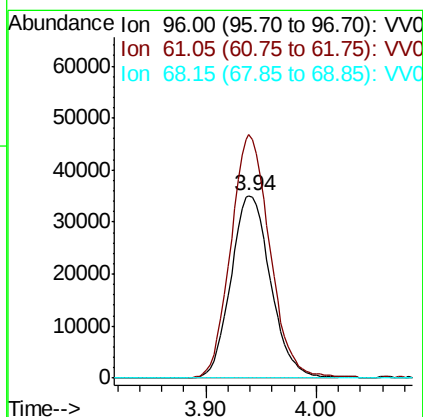
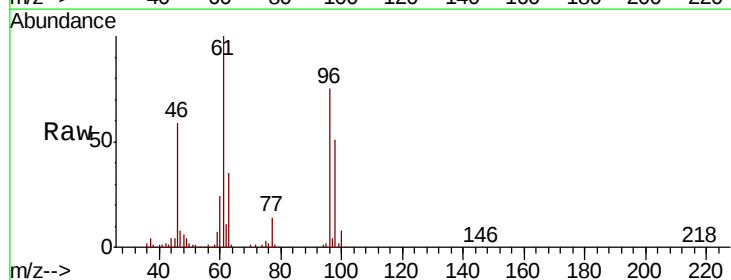
Instrument :
MSVOA_V
ClientSampled :
F9F19

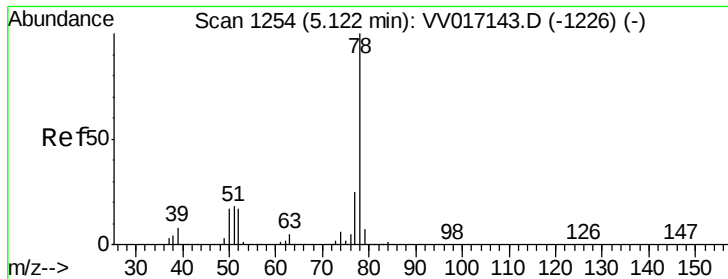
Tot Ion: 73 Resp: 1784
Ion Ratio Lower Upper
73 100
43 16.0 18.6 28.0#
57 0.0 16.4 24.6#



#22
cis-1,2-Dichloroethene
Concen: 7.324 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017155.D
Acq: 26 Jun 2020 03:12

Tgt Ion: 96 Resp: 87420
Ion Ratio Lower Upper
96 100
61 133.3 91.0 169.0
68 0.0 0.0 0.0





#33

Benzene

Concen: 0.177 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017155.D

Acq: 26 Jun 2020 03:12

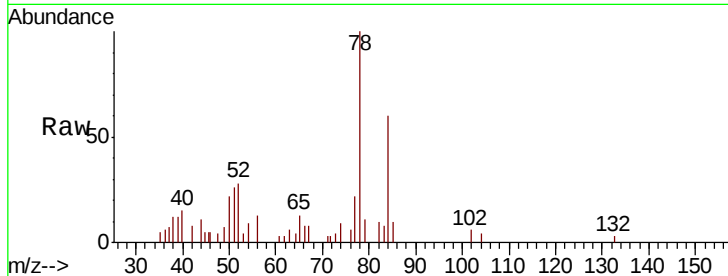
Instrument :

MSVOA_V

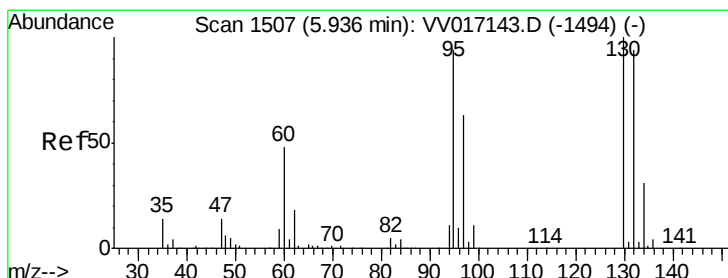
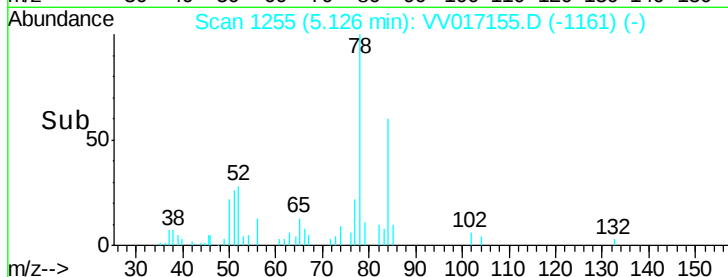
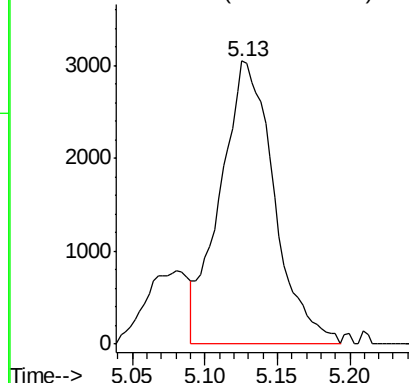
ClientSampleId :

F9F19

Tgt Ion: 78 Resp: 7894



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.941 ug/L

RT: 5.94 min Scan# 1509

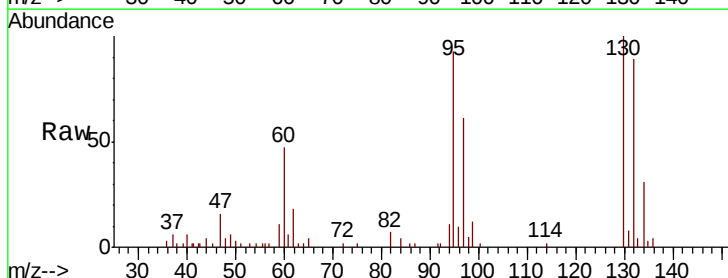
Delta R.T. 0.01 min

Lab File: VV017155.D

Acq: 26 Jun 2020 03:12

Tgt Ion: 95 Resp: 12277

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.3	84.1
132	96.1	68.8	127.8
130	108.0	70.2	130.4

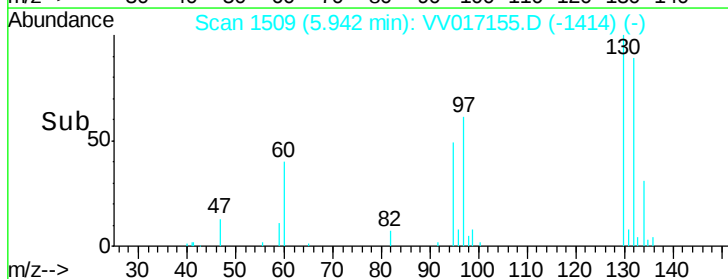
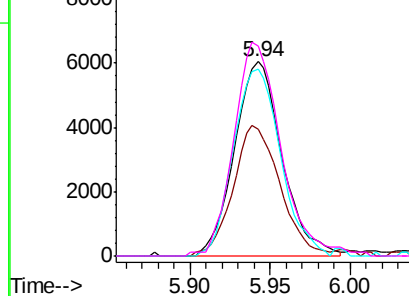


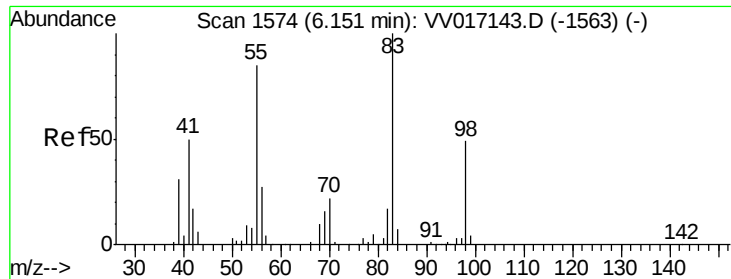
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

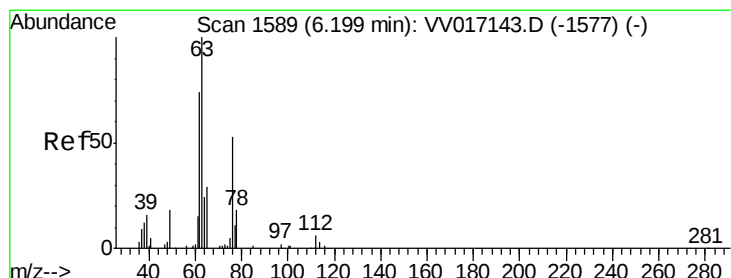
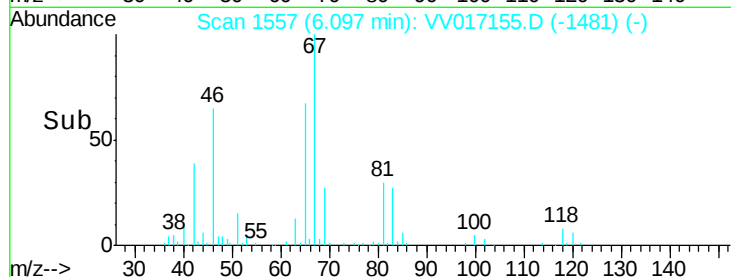
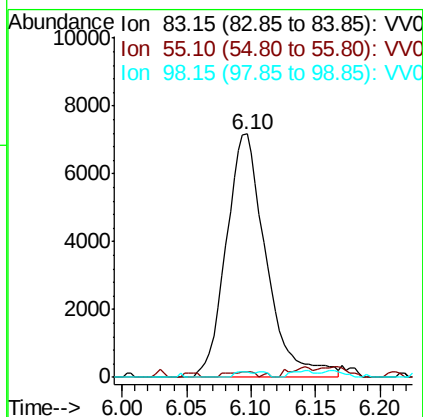
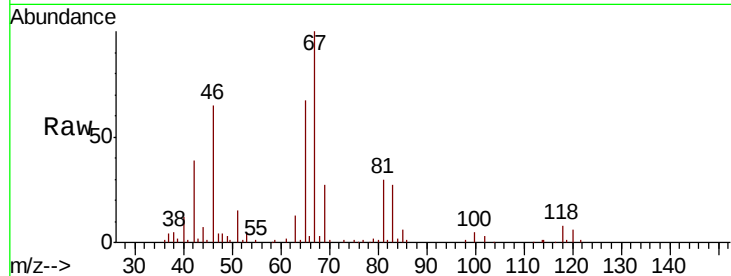




#35
Methvlcvclohexane
Concen: 0.763 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017155.D
Acq: 26 Jun 2020 03:12

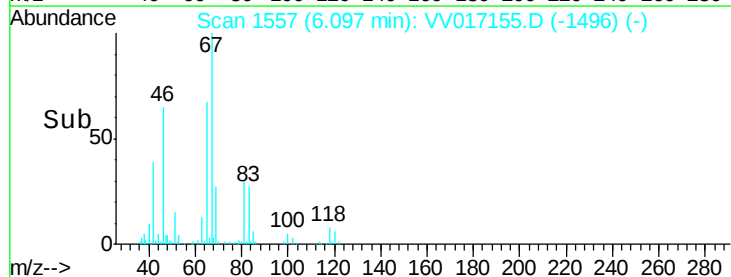
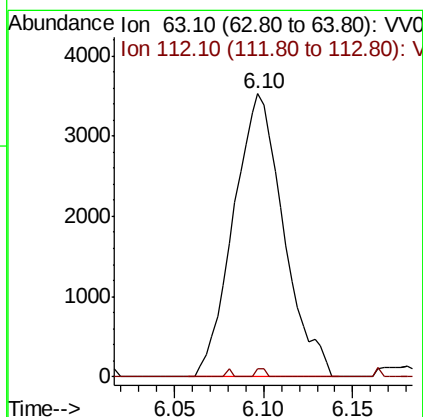
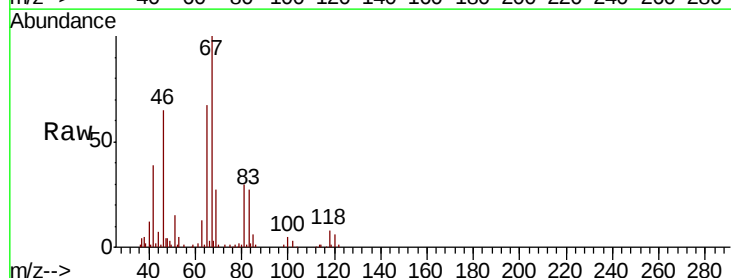
Instrument :
MSVOA_V
ClientSampleId :
F9F19

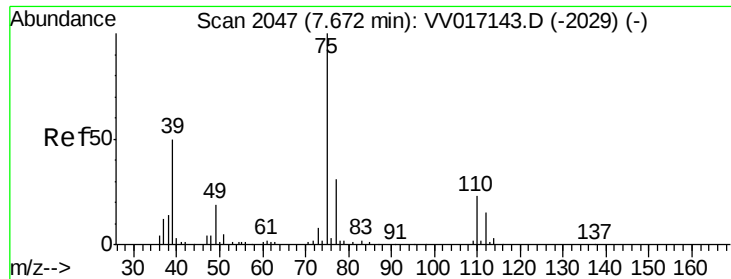
Tot Ion: 83 Resp: 15476
Ion Ratio Lower Upper
83 100
55 0.9 63.6 95.4#
98 1.1 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017155.D
Acq: 26 Jun 2020 03:12

Tgt Ion: 63 Resp: 6901
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017155.D

Acq: 26 Jun 2020 03:12

Instrument :

MSVOA_V

ClientSampled :

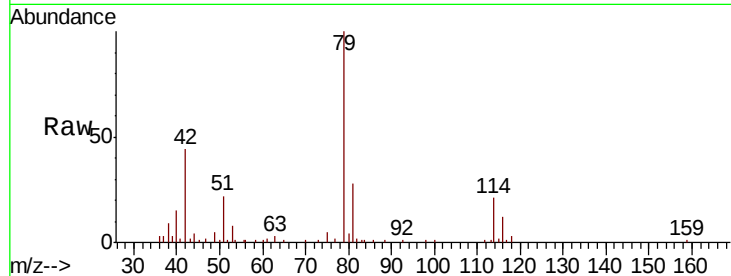
F9F19

Tot Ion: 75 Resp: 1041

Ion Ratio Lower Upper

75 100

77 39.6 22.3 41.3

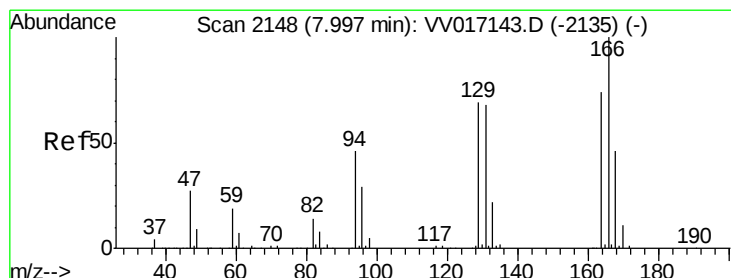
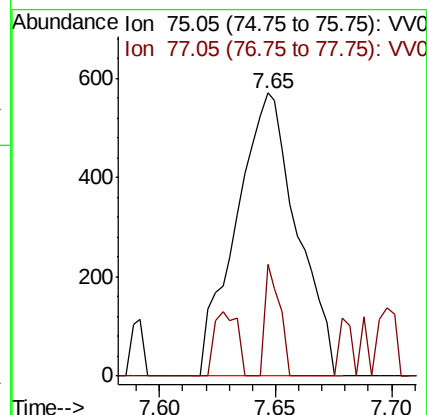
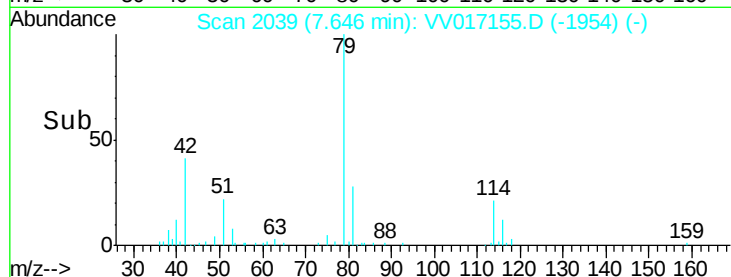


Abundance Ion 75.05 (74.75 to 75.75): VV017143.D (-2029) (-)

Ion 77.05 (76.75 to 77.75): VV017143.D (-2029) (-)

7.65

Time-->



#49

Tetrachloroethene

Concen: 0.370 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017155.D

Acq: 26 Jun 2020 03:12

Tgt Ion: 164 Resp: 3888

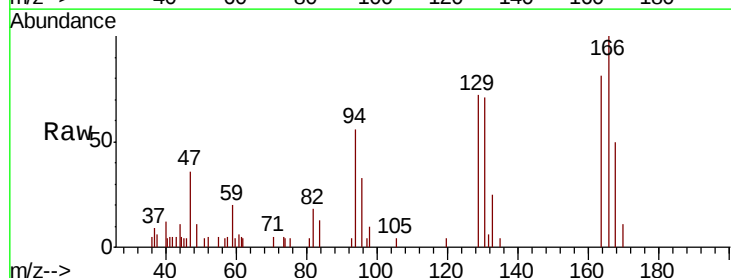
Ion Ratio Lower Upper

164 100

129 88.4 65.2 121.0

131 87.1 64.1 119.1

166 123.5 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): VV017143.D (-2135) (-)

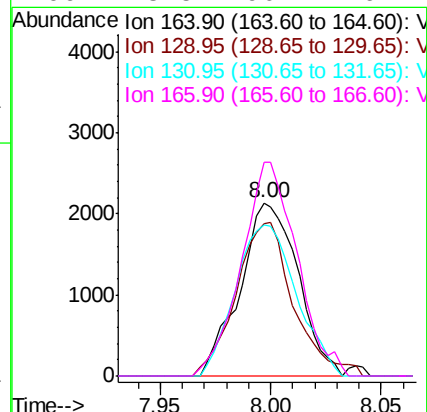
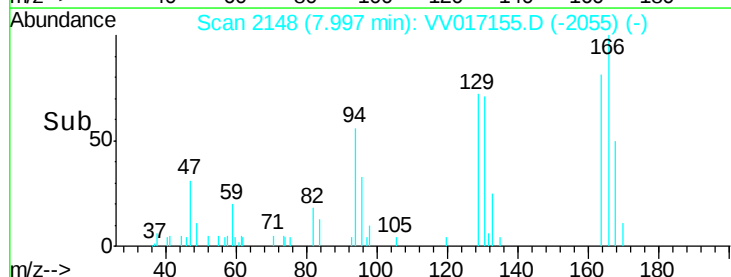
Ion 128.95 (128.65 to 129.65): VV017143.D (-2135) (-)

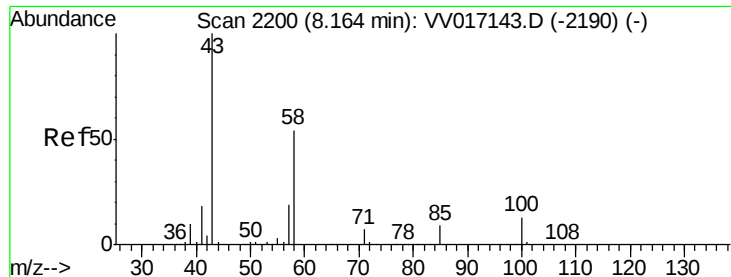
Ion 130.95 (130.65 to 131.65): VV017143.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV017143.D (-2135) (-)

8.00

Time-->

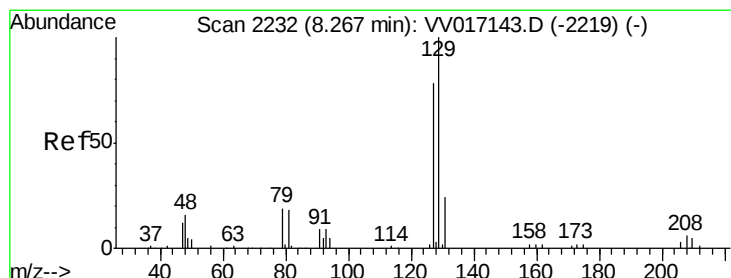
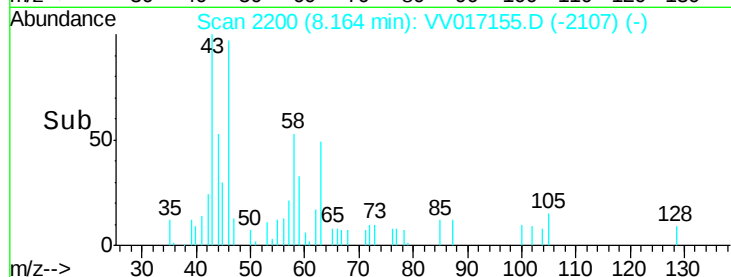
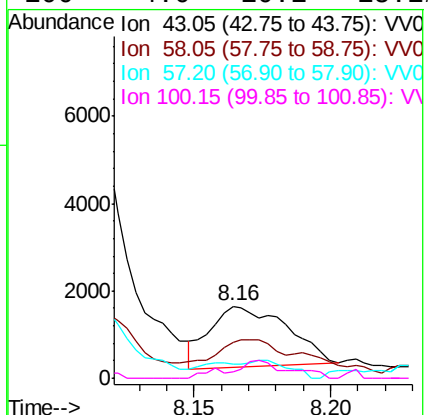
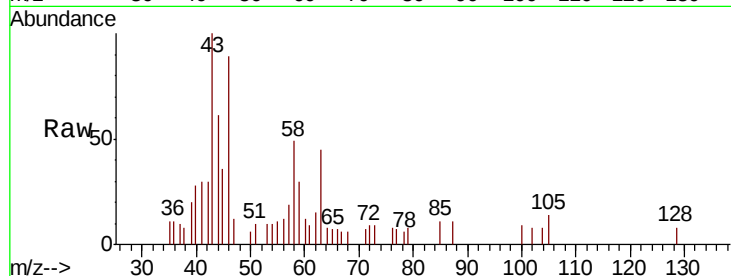




#50
2-Hexanone
Concen: 0.612 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017155.D
Acq: 26 Jun 2020 03:12

Instrument :
MSVOA_V
ClientSampleId :
F9F19

Tot Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
58 0.0 41.6 62.4#
57 13.3 15.4 23.0#
100 4.0 10.1 15.1#



#51
Dibromochloromethane
Concen: 0.349 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017155.D
Acq: 26 Jun 2020 03:12

Tgt Ion: 129 Resp: 3312
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#

